

## SEQUENCE LISTING

<110> THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD  
OF HIGHER EDUCATION ON BEHALF OF OREGON STATE UNIVERSITY

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<120> BACTERIAL BIOHERBICIDE FOR CONTROL OF GRASSY WEEDS

<130> 245-67314

<150> US 60/431,651

<151> 2002-12-06

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<170> PatentIn version 3.2

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Val Trp Arg Gly Arg Ala Val Leu Ala Lys Leu Leu Val Gly Ser Lys  
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Glu His Gly Leu Thr Thr Pro Arg Leu Leu Ala Asp Gly Leu Gln Glu  
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Gly Glu Gly Gly Trp Leu Leu Phe Glu Phe Leu Glu Gly Ala Glu Ser  
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Arg Gln Asp Gly Lys Leu Tyr Leu Ile Asp Gly Ala Gly Ile Arg Val  
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Glu Glu Ala Gly Lys Pro Leu Ser Arg Asn Arg Val Leu Glu Asn Leu  
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Gly Val Phe Phe Ala Gln Leu Pro Lys Asn Leu Glu Pro Phe Thr Glu  
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Glu Leu Leu Val Tyr Tyr Leu Leu Gly Asn Ser Glu His Ala Leu Pro  
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Leu Gln Ala Leu Glu Lys Gln Val Arg Lys Val Ser Ala Trp Arg Leu  
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Lys Asp Phe Leu Asn Lys Ala Gly Arg Glu Cys Thr Leu Phe Ser Val  
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Val Arg Gly Ala Phe Gly Leu Arg Ala Ile Arg Arg Glu Glu Glu Pro  
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His Trp Leu Lys Arg Phe Trp Arg Pro Ser Arg Ala Trp His Ser Trp  
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Phe Lys Gly His Asn Leu Phe Trp His Glu Asp Arg Trp Ala Leu Ile  
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<210> 8
<211> 200
<212> PRT
<213> Pseudomonas fluorescens

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<400> 8

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20           25           30

```

```

Ser Asn Leu Glu Val Phe Cys Trp Asp Pro Gly Asp Pro Tyr Pro Tyr
35           40           45

```

```

His Leu Asp Asn Trp Glu Gly Asp Trp Ile Ile Ser Tyr Arg Gly Asp
50           55           60

```

```

Phe Ile Phe Pro Pro Ser Ile Tyr Lys Asn Ala Arg Lys Gly Ala Ile
65           70           75           80

```

```

Asn Leu His Pro Ala Pro Pro Lys Tyr Arg Gly Leu Gly Ser Gln His
85           90           95

```

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Tyr Ala Ile Tyr Tyr Asn Asp Glu Thr Tyr Gly Ser Thr Cys His His
13

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Asn Val Ala Pro Ala Glu Thr Ala Ser Ser Leu Arg Leu His Val Gly		
130	135	140
Ala Tyr Cys Leu Gln Gln Phe Ile His Leu Leu Thr Asp Tyr Ile Leu		
145	150	155
Leu Gly Arg Pro Leu Pro Val Ser Pro Glu Asn Trp Gly Glu Arg Leu		
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Tyr Lys Gln Ser Glu Leu Lys Pro Trp Met Glu Lys Ile Arg Ala Gln		
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 <212> DNA  
 <213> Pseudomonas fluorescens

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&lt;210&gt; 11

&lt;211&gt; 67

&lt;212&gt; PRT

<213> *Pseudomonas fluorescens*

&lt;400&gt; 11

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Trp Val Ser Val Glu Gly Leu Ser Tyr Lys Glu Val Ala Glu Ile Leu  
20 25 30

Asp Val Pro Leu Gly Thr Val Met Ser Arg Leu Ser Arg Ala Arg Gln  
35 40 45

Ala Leu Arg Gln Leu Ser Asp Gly Glu Ile Ala Ser Pro Ser Leu Arg  
50 55 60

Ile Leu Lys  
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<210> 12  
<211> 230  
<212> PRT  
<213> Pseudomonas fluorescens

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Ala His Pro Asp Val Ala Ala Gln Val His Ala Trp Gln Gln Asp Ala  
35 40 45

Gln Leu Leu Arg Ala Ser Leu Ser Gly Ala Leu Gln Gln Pro Ala Asn  
50 55 60

Pro Asn Leu Asp Pro Ala Leu Phe Ala Thr Ala Ala Val Leu Leu Ile  
65 70 75 80

Ala Val Ser Leu Gly Gly Leu Gly Gly Trp His Ala Arg Glu Ala Thr  
85 90 95

Gln Ser Pro Gln Gln Pro Met Ala Asp Ala Met Gln Ala Phe Arg Leu  
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Phe Ala Gln Asp Gly Ile Leu Pro Ala Asp Tyr Asn Ala Gln Asp Ser  
115 120 125

Gly Thr Met Gln Ala Trp Leu Asp Arg Tyr Phe Asn Gln Ala His Arg  
130 135 140

Leu Pro Asp Leu Ser Pro Ser Gly Phe Lys Pro Val Ser Gly Arg Leu  
 145 150 155 160

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 165 170 175

Gln Gly Arg Arg Ile Ser Phe Tyr Ile Arg Pro Pro Gly Pro Asn Asn  
 180 185 190

Gly Phe Leu Pro Arg Gly Ser Arg Thr Ala Asp Gly Leu Gln Ala Gln  
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Gln Val Pro Ala His Ala  
 225 230

<210> 13  
 <211> 14  
 <212> PRT  
 <213> Pseudomonas fluorescens

<400> 13

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